

### Features:

- polyethylene container with 480 litres capacity and up to 270 litres switching volume
- single-channel impeller pump with fibre cutting insert and large solids handling
- mechanical seal (up to 4kW) or chilled casting seal (> 5 kW) and shaft seal with intermediate oil chamber
- pump housing with flanged outlet bend DN 100
- lateral inlet with loose-type flange DN 150
- additional connection 1 1/2" for manual diaphragm pump
- air vent with loose-type flange DN 100 (Ø 110 mm)
- star-delta-start for 7,5 kW unit
- operation temperature max. 55°C
- operating mode S3 - 25%
- protection grade IP 57 - temporarily submersible

### Application:

- drainage of sewage from apartment buildings or industrial enterprises etc.
- above-ground installation in frost-free rooms below the backflow level

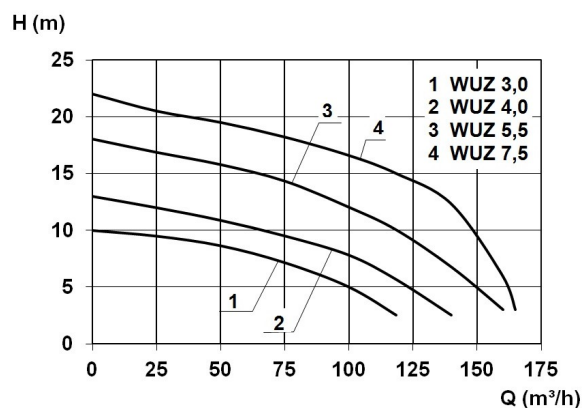
### Scope of delivery:

- pre-assembled lifting unit with 3,5 m connection cable to the motor and 3,5 m pneumatic tube to the control
- incl. ZPS1: comfortable, pneumatic level control with microcontroller, LCD plain text display for filling level, maintenance, operating hours, fault message and alarm signal in switchbox for indoor installation (7,5kW ZPS1 control with star-delta-start)
- Attention! Non-return valve, gate valve and further junction fittings optional (see accessories) arately.

### Technical data:

Art.no.	U [V]	P <sub>1</sub> [W]	P <sub>2</sub> [W]	In [A]	n [min-1]	Q <sub>max</sub> [m³/h]	H <sub>max</sub> [m]	SH [mm]	PO	Weight [kg]
10549	400	8.700	7.500	16,9	1400	165,0	22,0	100	DN 100	240

### Characteristics:



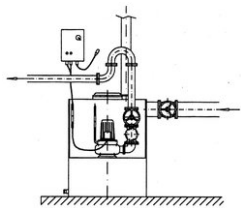
### Product benefits:

- custom dimensions, custom inlets and on-site-assembly possible
- large container volume and switching volume (container volume up to 20.000 litres available)
- blockage-free operation by 80 mm solids handling
- comfort control unit included in delivery

### Materials:

Seal motor:	shaft seal
Seal pump:	mechanical seal

### Example of installation:



### Dimensions:

